PEN OR PENCIL HOLDING DEVICE

Inventor

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His Attorney
This invention relates to writing implements and aims to provide an improved device for holding a pen or pencil in correct writing position with the hand supported against gripping tension to relieve writer's cramps and also to aid in teaching penmanship.

It will be best understood by description with reference to the attached drawings illustrating an embodiment thereof in preferred form.

In said drawings:

Fig. 1 is an elevation of the device with applied pencil as viewed from the side and showing its proper grasp by the hand represented in writing position; and

Fig. 2 is a perspective view of the device looking from above.

The illustrative device comprises a pair 10 of rest-pieces or legs diverging from a retainer for a pen or pencil which therewith forms the third leg of a tripod arrangement or assembly. In this instance the device embodies a single piece of stout wire or small metal rod 13 of about twelve inch length bent in novel manner to produce a substantially rigid holder frame.

One end of this wire or rod provides rest-piece 30 for support of the thumb and the other end provides rest-piece 33 for support of the fingers, while its intermediate portion provides the retainer or holder 32 for the writing implement, the whole fitting to and supporting the hand in a comfortable grasp for writing.

In forming said device, the wire is bent at extremital points 4 to provide foot portions permitting smooth and easy movement over a flat surface or sheet of writing paper. If desired, the extremities might be bent around or rounded into ball-rests to afford easier slide movement and reduce friction thereof to a minimum.

The end of the wire which provides the rest-piece or leg 30 is given an acute upward bend at point 5 approximately two inches from its extremity or foot, and an acute downward bend at point 6 approximately one inch from the first bend (5), thus providing a hump against the base of which the crotch of the thumb will bear in grasping the device to write.

In its intermediate part, the wire has a backward bend at point 7 approximately two inches from the aforesaid point 6, a return down-and-up bend 8 about one and a half inches from the bend 7 and a right-angular down-and-up bend 9 adjacent said point 7, which bending back and forth upon itself provides the pen or pencil retainer 32 of rack form in this instance.

The end of the wire providing the rest-piece or leg 33 has an acute downward bend 10 immediately following the bend 9 and another at point 11 near its foot portion or extremity, while between the same it is curved slightly on a large arc.

A triangular-shaped holder frame is thus formed with the two rest-pieces or legs extending or diverging in substantially right-angular planes and the retainer inclined downwardly at the apex to receive a pen or pencil 12 therewith providing the third leg of a tripod arrangement as already indicated.

The writing implement is advantageously gripped in said retainer by a flexible band 13 stretched between the parallel portions of wire forming the retainer and under which it may be inserted to hold it firmly in the frame.

The device with applied writing implement is grasped by the hand as shown in Fig. 1, with the rest-piece or leg 33 supporting the thumb and the rest-piece 30 supporting the fingers, so as to relieve strain upon the wrist and prevent a tensional grip, while yet permitting the thumb, index and middle fingers to be placed lightly against and around the implement in correct holding position.

With this positive carriage of the implement in position and inclination proper for writing (see Fig. 2), all strain and tension of tight gripping is relieved and the user is enabled to write freely, smoothly and rapidly without tiring. Moreover, it forces the user to write with full arm movement from the wrist by preventing cramped finger movement and is therefore greatly helpful in teaching penmanship. Another advantage is
that the tripod arrangement with three-point rest upon the writing surface relieves stroke pressure upon the writing implement and assures an even or uniform script with little or no shading. The set position or inclination of the implement may obviously be varied simply by lengthening or shortening its projection from the retainer.

Since various modifications in form and construction of the device may be made without departing from the scope of the invention, the appended claims are not intended to limit the same to the specific form shown.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent of the United States is:

1. A device for holding a pen or pencil in proper writing position in the hand, comprising a short wire piece bent back and forth upon itself intermediately to provide a trough-like receiver part for the writing implement and having a flexible band stretched thereacross by which the implement is held firmly in place; the two ends of the piece being extended rearwardly and divergently at substantially right angular relation from the receiver part with curving to provide comfortable support for the thumb and fingers at opposite sides of the implement in a tripod arrangement with said implement forming the third leg, and the extremities of said ends being bent to form foot pieces easily movable over a writing surface.

2. A pen or pencil holder wherein the writing implement provides the third leg of a slidable tripod member formed by a piece of wire bent back and forth upon itself intermediately into a trough-like receiver part having a transverse flexible band for firmly gripping said implement therein and with its ends extending divergently therefrom in a rearward direction to fit and jointly support the hand in correct finger grasp of the implement so as to prevent a cramped or tensioned hold thereon and thereby compel writing movement by the arm rather than the wrist.

3. In a pen or pencil holding device, a short length of wire bent back and forth upon itself intermediately to form a trough-like receiver for the writing implement and having its ends extended divergently and rearwardly to provide rest pieces curved to fit parts of the hand and comfortably support the same in correct finger grasp of the implement for writing, and with said implement providing the third leg of a tripod arrangement, together with a flexible band on the trough-like receiver part engaging the implement firmly therewithin.

In testimony whereof I affix my signature.

JOSEPH A. EUBANKS.